



Fairbanks North Star Borough

FairbanksNorthStar GIS Internet Map

Updated: March 8, 2018



FairbanksNorthStar GIS

New primary web map application.
Replaces old FNSB GIS Internet Map.

The screenshot shows the FairbanksNorthStar GIS web application interface. The main map area displays a street map of Fairbanks, Alaska, with a light blue river network overlaid. The interface includes a search bar at the top left with the placeholder text "Street Addr, Owner, or PAN". A toolbar on the left side contains navigation controls like zoom in/out, home, and previous/next extent. A right-hand sidebar contains a "HELP" section with various tool descriptions: "NAVIGATE THE MAP" (MOVE MAP, ZOOM IN or OUT, PREVIOUS or NEXT EXTENT), "SEARCH" (top left of map), "TOOLS" (LAYERS, LEGEND, BOOKMARKS, DRAW/MEASURE, SELECT, QUERY, DISPLAY BUFFER, SELECT BY BUFFER, GET LATITUDE-LONGITUDE, PRINT/SAVE IMAGE), and "DISPLAY INFORMATION" (POP-UP INFO, ATTRIBUTES). The bottom left corner shows a scale bar (0 to 1 mile) and coordinates (-147.748 64.908 Degrees).



FairbanksNorthStar GIS

Opens with simple Help, link to Detailed Help.

The screenshot shows the FairbanksNorthStar GIS web application. On the left is a map of a rural area with roads labeled: Elliot Highway, Steese Highway, Chena Hot Springs Rd, Badger Road, Nordale Road, Richardson Highway, and Badger Road. On the right is a 'HELP' panel with the following sections:

- NAVIGATE THE MAP**
 - MOVE MAP - Click & hold, move mouse
 - ZOOM IN or OUT - or use mouse roller wheel; - or shift-click-drag mouse
 - PREVIOUS or NEXT EXTENT
- SEARCH** - located top left of map
 - Enter Street Address, Owner, or PAN (Tax ID)
 - Select from search results to zoom to item.
- TOOLS** - located top right of map
 - LAYERS - Turn layers on & off, set transparency, hide labels, view attributes.
 - LEGEND - Display legend of visible layers.
 - BOOKMARKS - Zoom to predefined areas.
 - DRAW/MEASURE - Draw points, lines, polygons, or text. Check box to Show Measurements of drawing.
 - SELECT - Select features from layers, view data in table, export data.
 - QUERY - Select features from defined query; then view or export data.
 - DISPLAY BUFFER - Display buffer from address, parcel, or custom location.
 - SELECT BY BUFFER - Use buffer to select address, parcel, or road; then view or export data
 - GET LATITUDE-LONGITUDE - Display latitude-longitude of a point.
 - PRINT/SAVE IMAGE - Print map, or save to PDF.
- DISPLAY INFORMATION**
 - POP-UP INFO - Click on a map feature.
 - Use arrow in pop-up to scroll through multiple results.
 - ATTRIBUTES - bottom of map;
 - View, search layer data, zoom to features, export layer data.

At the bottom of the help panel is a question mark icon and the text [CLICK HERE FOR DETAILED HELP](#).



FairbanksNorthStar GIS

Search and navigation in upper left

FairbanksNorthStar GIS (Beta)

Street Addr, Owner, or PAN

NEW: Simultaneously search for

- Street Address
- Owner name
- PAN (Tax ID)

Select from results to zoom to item.

Tool Bar in upper right

HELP

FairbanksNorthStar GIS

NAVIGATE THE MAP

Any tool can be:

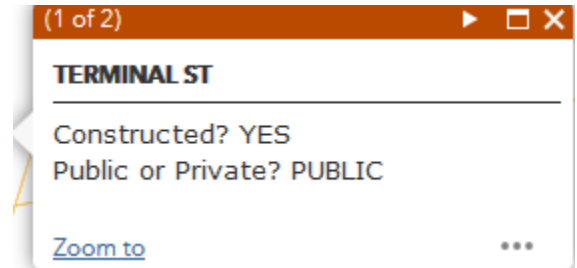
- toggled on or off
- minimized




FairbanksNorthStar GIS

Display Information (replaces ID tool)

- Click on map feature to display pop-up.
- Use arrow in pop-up  to scroll through multiple results.



NEW: Attribute Table

Use tool  on bottom of map to:

- View map layer data;
- Search through data;
- Zoom to features;
- Export layer data.

PAN	SUBDIVISION	BLOCK	LOT	PARCEL_POLY_TY	PARCEL_LOT_TYF	ESTIMATED_ACR	Owner1	Owner2	Mailing_Address
412961	7S 2W	14	1403	PARCEL	TL	6.2	BALL WILLIAM J	ALASKA STATE OF	PO BOX 57397
539571	WOOD RIVER REMOTE REC CABIN SITE		B	PARCEL	LOT	7.3	GRAHAM GINA R C	GRAHAM DANIEL GLEN	1669 SKYFLIGHT AVE
539589	WOOD RIVER REMOTE REC CABIN SITE		A	PARCEL	LOT	18.5	DAHL DUANE A	OLSON MARK J	PO BOX 55355
195863	7S 2E	01	100	PARCEL	TL	2,855.7	UNITED STATES OF AMERICA	BLM	1150 UNIVERSITY AVE
413313	7S 1W	32	3202	PARCFI	TI	9.1	I AMAI		1734 RFCKFR



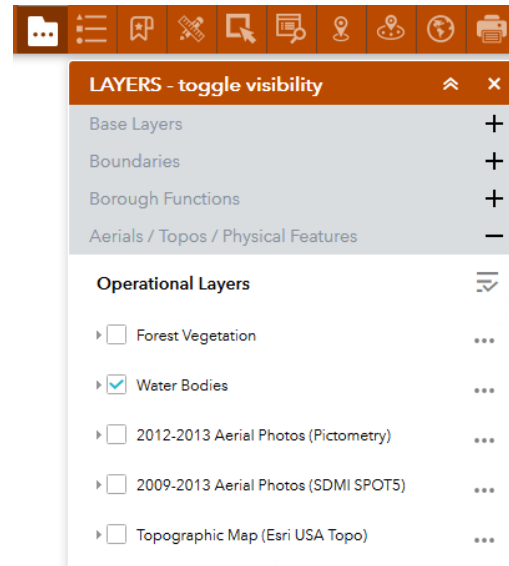
FairbanksNorthStar GIS

Layer Tool:

- Collapse groups.
- Turn layers on and off.

Use ellipsis ... to:

- Zoom to.
- Set transparency.
- Show or Hide labels.
- View attributes.





FairbanksNorthStar GIS

Legend Tool

- View Legend of visible layers

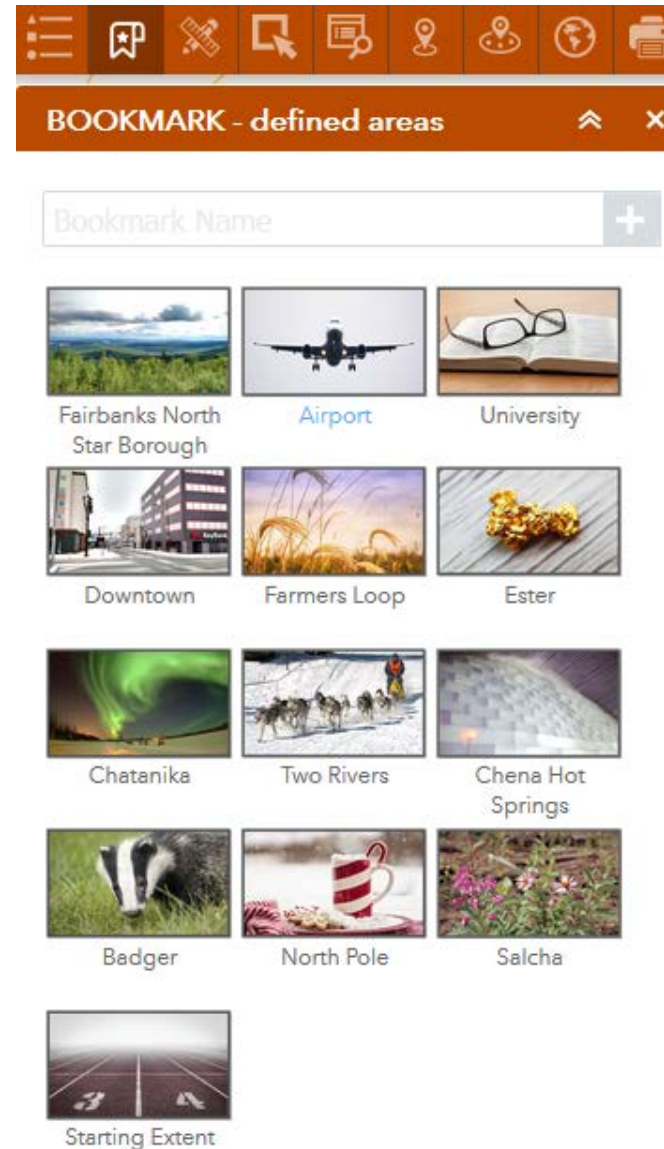
A screenshot of the Legend Tool in a GIS application. The tool is titled "LEGEND - visible layer(s)" and displays a list of layers. The layers are grouped into three categories: "Access Easements (incomplete)", "Parcels w/ Taxroll Info", and "Roads". The "Access Easements (incomplete)" group includes "OTHER", "SECTION", "ROADWAY", "DRIVEWAY", "TRAIL", "PIPELINE", and "AIRSTRIP". The "Parcels w/ Taxroll Info" group includes a single layer represented by a yellow outline. The "Roads" group includes "Unconstructed" (represented by a dashed line) and "Constructed" (represented by a solid line). The tool has a toolbar at the top with icons for layers, bookmarks, editing, selection, help, location, and user profile.



FairbanksNorthStar GIS

Bookmark Tool

- Zoom to Pre-Defined areas

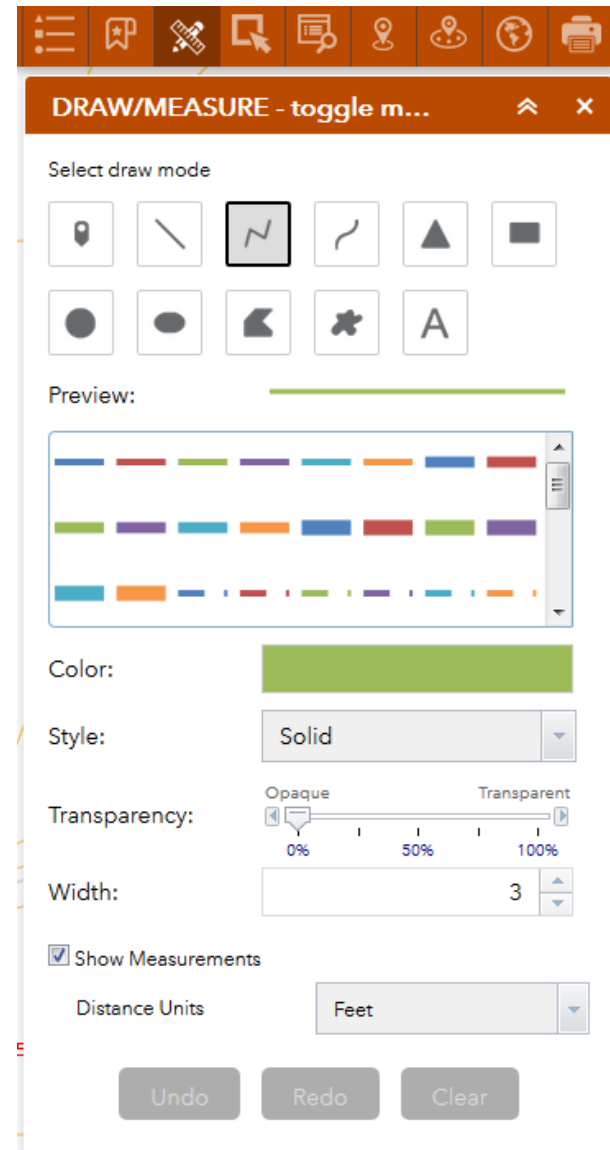




FairbanksNorthStar GIS

Draw / Measure Tool

- **NEW:** Draw points, lines, polygons, or text.
- Optionally, display measurements of drawing.

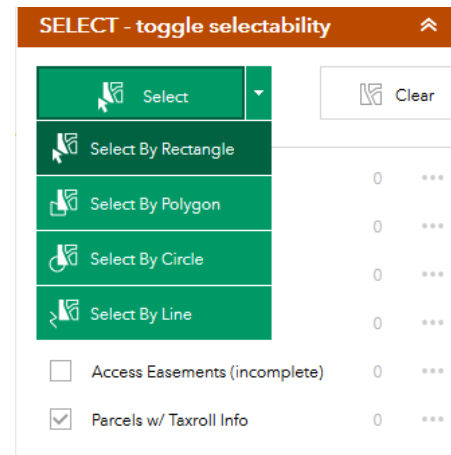
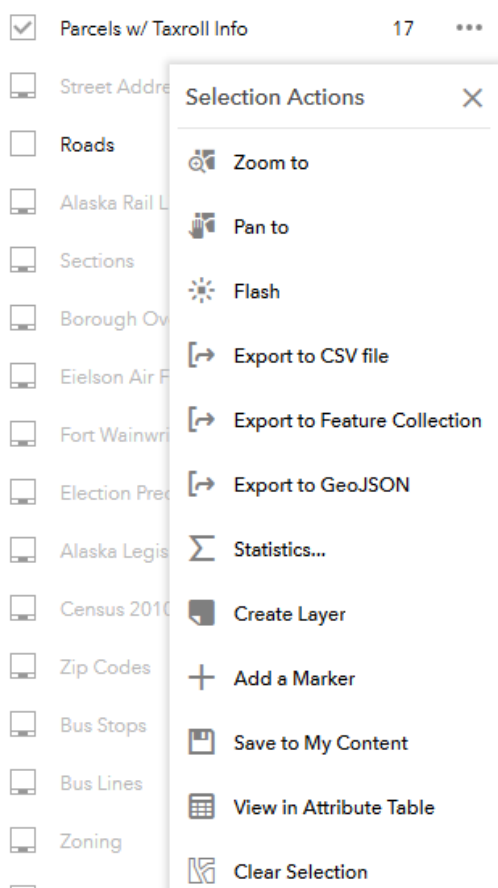




FairbanksNorthStar GIS

Select Tool

- Select features from any layer



Then use ... to

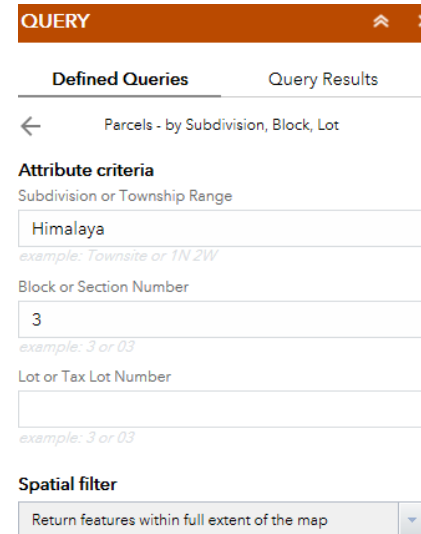
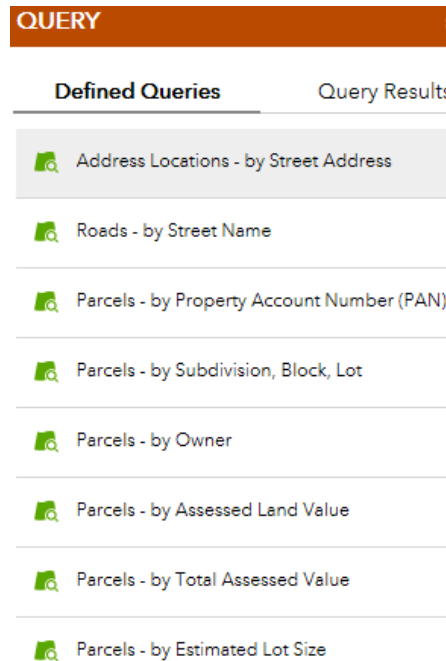
- View data of selection.
- View statistics of selection.
- Export data of selection.
- Create a layer of selection.



FairbanksNorthStar GIS

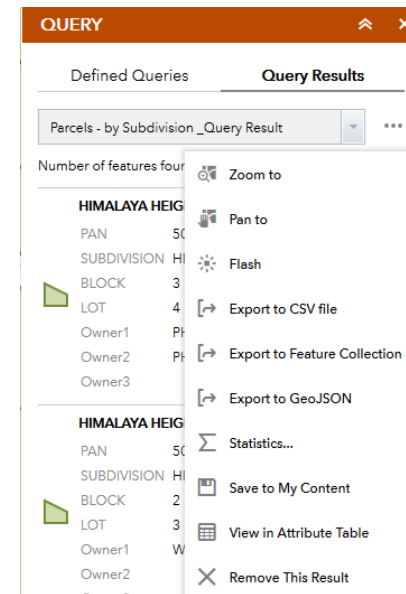
Query Tool

Use Defined Query to specific data search.



Then use ... to

- Export data of selection.
- View data of selection.
- View statistics of selection.
- Create a layer of selection.





FairbanksNorthStar GIS

Display Buffer Tool

- Display buffer from any address, or placed point.



Buffer is displayed that:

- adjusts by slider bar.
- selects addresses within buffer.
- selects parcels within buffer.
- displays distance of selected parcel or address from buffered point.

Parcels w/ Taxroll Info	
Parcels w/ Taxroll Info	0 ft
Parcels w/ Taxroll Info	256.7 ft
Parcels w/ Taxroll Info	277.7 ft
Parcels w/ Taxroll Info	345.48 ft
Parcels w/ Taxroll Info	365.14 ft
Parcels w/ Taxroll Info	445.57 ft



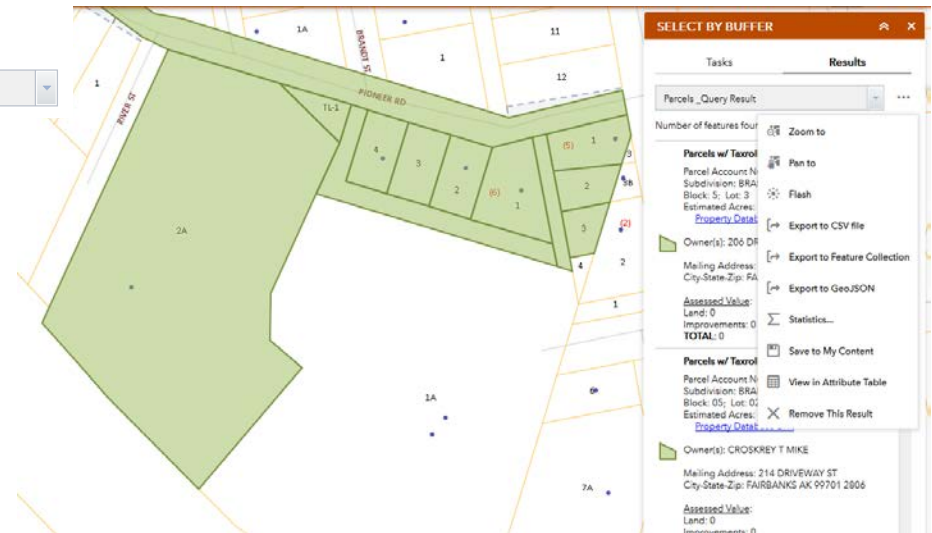
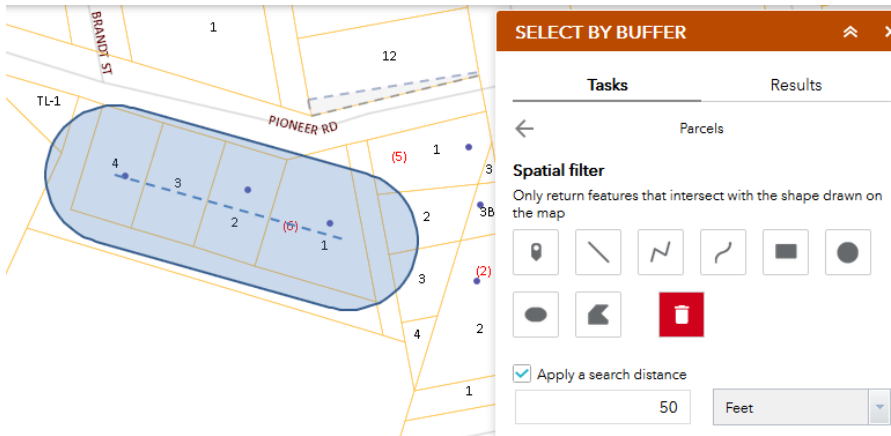
FairbanksNorthStar GIS

Select by Buffer Tool

- Create a buffer to select
Address, Parcels, or Roads.

Then use ... to:



- Export data of selection.
- View data of selection.
- View statistics of selection.
- Create a layer of selection.

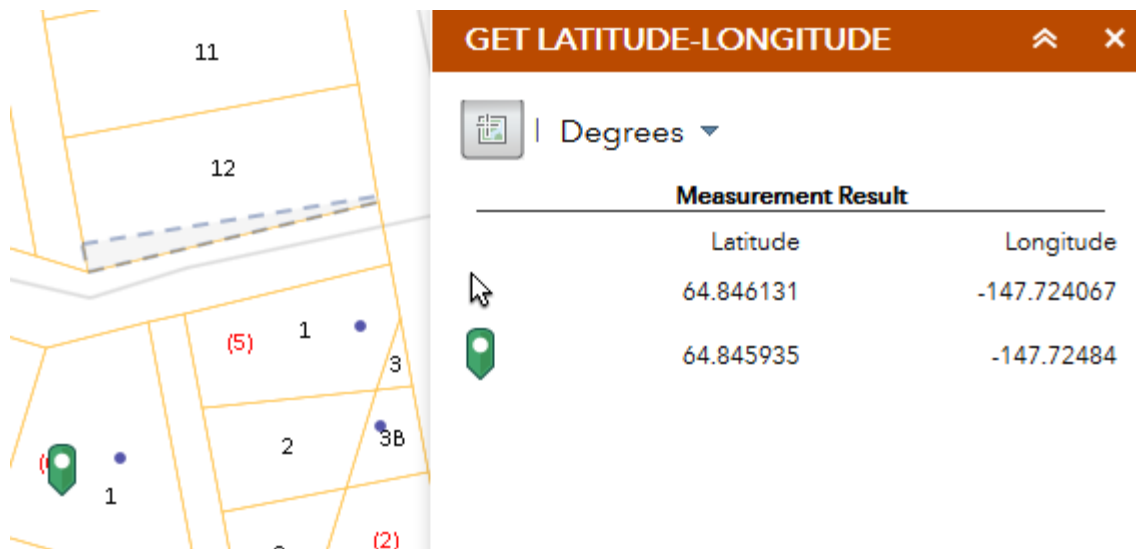




FairbanksNorthStar GIS

Get Latitude-Longitude Tool

- Click on Location tool, then click on map.
- Displays estimated coordinate of placed point (in WGS84). 
- Also displays estimated coordinate of mouse pointer. 
- Select Decimal Degrees, or Degrees-Minutes-Seconds

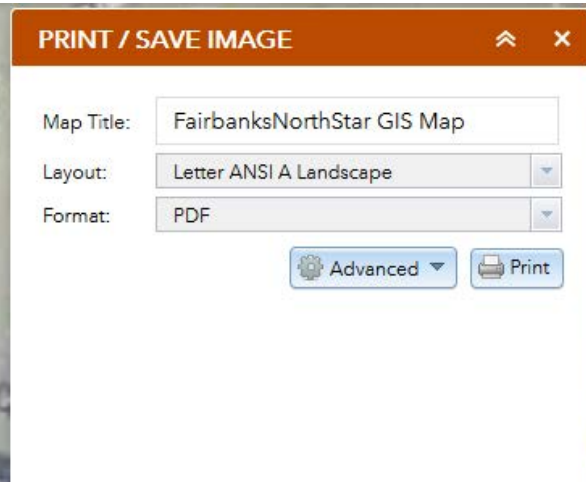


The screenshot shows the 'GET LATITUDE-LONGITUDE' tool interface. On the left is a map with several numbered points (1, 2, 3, 3B) and a green location pin icon. On the right is a panel titled 'GET LATITUDE-LONGITUDE' with a dropdown menu set to 'Degrees'. Below the menu is a table with the following data:

Measurement Result	
Latitude	Longitude
64.846131	-147.724067
64.845935	-147.72484



FairbanksNorthStar GIS



Print / Save Image Tool:
Generate PDF of map, then

- Print from PDF.
- Save PDF as a file.
- Options for page size, title, author.